

OUTPUT PORT BASED DOUBLE Q TAGGING

ABSTRACT OF THE DISCLOSURE

5 One embodiment disclosed relates to a method of processing a
packet sent to a provider network. The packet is received via a user port of an
edge switch of the network. Forwarding and routing by the edge switch is
determined based on a user VID. A provider VLAN tag, including a provider VID,
is inserted into the packet prior to transmission of the packet via a provider port
10 of the edge switch.